

## REMARKS

After entry of the present amendment, claims 1-5 and 7-8 are pending in the application.

Claims 1-7 have been rejected under 35 U.S.C. 103(a) over Coleman U.S. Patent No. 6,397,826 in view of Ludwig U.S. Patent No. 5,839,505. It is submitted that Coleman and Ludwig, alone or in combination, do not teach or suggest that the cooling device includes a pipe having at least one internal projection the extends longitudinally for at least a portion of the pipe side wall, because Coleman is silent about pipes having internal projections, and because Ludwig teaches a pipe having a side wall that includes dimples that do not extend longitudinally, see e.g. FIG. 2 of Ludwig. Among other things, Applicants' invention provides for an increase in the rate of heat exchange over the Ludwig design due to the increased heat exchange surface per volume of fluid while maintaining turbulence in the fluid. For at least the above reasons, it is respectfully submitted that the pending claims are patentable over the cited references.

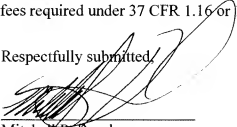
New claims 8 and 9 are fully supported in the specification, for example, in the figures.

## Conclusion

It is believed that the present application is in condition for consideration and allowance. If necessary, the Commissioner is authorized in this and concurrent replies to charge payment (or credit any overpayment) to Deposit Account No. 50-2298 in the name of Luce, Forward, Hamilton & Scripps LLP, for any additional fees required under 37 CFR 1.16 or 1.17.

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Respectfully submitted,

  
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Mitchell P. Brook  
Attorney for Applicant  
Reg. No. 32,967

LUCE, FORWARD, HAMILTON & SCRIPPS, LLP  
11988 El Camino Real, Suite 200  
San Diego, California 92130  
Tel.: (858) 720-6300  
Fax: (858) 720-6306